Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

- 1-9. (Canceled).
- 10. (Previously presented) A compound having the formula:

wherein:

 R^1 is H, (C_1-C_8) alkyl, (C_3-C_7) cycloalkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_0-C_4) alkyl- (C_1-C_6) heterocycloalkyl, (C_0-C_4) alkyl- (C_2-C_5) heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, (C_1-C_8) alkyl- $N(R^6)_2$, (C_1-C_8) alkyl- OR^5 , (C_1-C_8) alkyl- $O(CO)R^5$, $C(O)NHR^3$, $C(O)NHR^3$, $C(O)NR^3R^3$, $C(S)NR^3R^3$ or (C_1-C_8) alkyl- $O(CO)R^5$;

 R^2 is H or (C_1-C_8) alkyl;

 R^3 and R^3 ' are independently (C_1-C_8) alkyl, (C_3-C_7) cycloalkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_0-C_4) alkyl- (C_1-C_6) heterocycloalkyl, (C_0-C_4) alkyl- (C_2-C_5) heteroaryl, (C_0-C_8) alkyl- $N(R^6)_2$, (C_1-C_8) alkyl- $O(C^5)$, (C_1-C_8) alkyl- $O(C^5)$, or $C(O)OR^5$, or $C(O)OR^5$;

 $R^4 \text{ is } (C_1-C_8) \text{alkyl, } (C_2-C_8) \text{alkenyl, } (C_2-C_8) \text{alkynyl, } (C_1-C_4) \text{alkyl-OR}^5, \text{ benzyl, aryl, } (C_0-C_4) \text{alkyl-} (C_1-C_6) \text{heterocycloalkyl, or } (C_0-C_4) \text{alkyl-} (C_2-C_5) \text{heteroaryl; } \\ R^5 \text{ is } (C_1-C_8) \text{alkyl, } (C_2-C_8) \text{alkenyl, } (C_2-C_8) \text{alkynyl, benzyl, aryl, or } (C_2-C_5) \text{heteroaryl; } \\ C_5) \text{heteroaryl; } C_5 \text{ is } (C_1-C_8) \text{alkynyl, } (C_2-C_8) \text{alkynyl, benzyl, aryl, or } (C_2-C_8) \text{alkynyl, } \\ C_5) \text{heteroaryl; } C_5 \text{ is } (C_1-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } \\ C_5) \text{ is } (C_1-C_8) \text{ alkyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } \\ C_5) \text{ is } (C_1-C_8) \text{ alkyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } \\ C_5) \text{ is } (C_1-C_8) \text{ alkyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text{ alkynyl, } \\ C_5) \text{ is } (C_1-C_8) \text{ alkyl, } (C_2-C_8) \text{ alkynyl, } \\ C_5) \text{ is } (C_1-C_8) \text{ alkyl, } (C_2-C_8) \text{ alkynyl, } (C_2-C_8) \text$

each occurrence of R^6 is independently H, (C_1-C_8) alkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_2-C_5) heteroaryl, or (C_0-C_8) alkyl- $C(O)O-R^5$ or the R^6 groups can join to form a heterocycloalkyl group; and the * represents a chiral-carbon center.

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11. (Original) A compound of claim 10, wherein R¹ is H, (C₁-C₄)alkyl, CH₂OCH₃, CH₂CH₂OCH₃, or

$$CH_2$$
, CH_2 or CH_2 R^7 ,

wherein Q is O or S, and each occurrence of R^7 is independently H,(C₁–C₈)alkyl, (C₃–C₇)cycloalkyl, (C₂–C₈)alkenyl, (C₂–C₈)alkynyl, benzyl, aryl, halogen, (C₀–C₄)alkyl–(C₁–C₆)heterocycloalkyl, (C₀–C₄)alkyl–(C₂–C₅)heteroaryl, (C₀–C₈)alkyl–N(R^6)₂, (C₁–C₈)alkyl–OR⁵, (C₁–C₈)alkyl–C(O)OR⁵, (C₁–C₈)alkyl–O(CO)R⁵, or C(O)OR⁵, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

- 12. (Original) A compound of claim 10, wherein R^1 is $C(O)R^3$.
- 13. (Original) A compound of claim 10, wherein R¹ is C(O)OR⁴.
- 14. (Previously presented) A compound having the formula:

wherein:

 R^1 is H, (C_1-C_8) alkyl, (C_3-C_7) cycloalkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_0-C_4) alkyl- (C_1-C_6) heterocycloalkyl, (C_0-C_4) alkyl- (C_2-C_5) heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, (C_1-C_8) alkyl- $N(R^6)_2$, (C_1-C_8) alkyl- OR^5 , (C_1-C_8) alkyl- $C(O)OR^5$, $C(O)NHR^3$, $C(S)NHR^3$, $C(O)NR^3R^3$, $C(S)NR^3R^3$ or (C_1-C_8) alkyl- $O(CO)R^5$;

 R^2 is H or (C_1-C_8) alkyl;

 R^3 and R^3 are independently (C₁–C₈)alkyl, (C₃–C₇)cycloalkyl, (C₂–C₈)alkenyl, (C₂–C₈)alkynyl, benzyl, aryl, (C₀–C₄)alkyl–(C₁–C₆)heterocycloalkyl, (C₀–C₄)alkyl–(C₂–C₅)heteroaryl, (C₀–C₈)alkyl–N(R^6)₂, (C₁–C₈)alkyl–O R^5 , (C₁–C₈)alkyl–O(CO) R^5 , or C(O)O R^5 ;

R⁴ is (C₁-C₈)alkyl, (C₂-C₈)alkenyl, (C₂-C₈)alkynyl, (C₁-C₄)alkyl-OR⁵, benzyl, aryl, (C₀-C₄)alkyl-(C₁-C₆)heterocycloalkyl, or (C₀-C₄)alkyl-(C₂-C₅)heteroaryl;

R⁵ is (C₁-C₈)alkyl, (C₂-C₈)alkenyl, (C₂-C₈)alkynyl, benzyl, aryl, or (C₂-C₅)heteroaryl;

cach converges of R⁶ is independently H. (C₁-C₂)alkyl, (C₂-C₃)alkyl, (C₃-C₄)alkyl, (C₄-C₅)alkyl, (C₄-C₅

each occurrence of R^6 is independently H, (C_1-C_8) alkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_2-C_5) heteroaryl, or (C_0-C_8) alkyl- $C(O)O-R^5$ or the R^6 groups can join to form a heterocycloalkyl group; and the * represents a chiral-carbon center.

15. (Original) A compound of claim 14, wherein R¹ is H, (C₁-C₄)alkyl, CH₂OCH₃, CH₂CCH₂OCH₃, or

wherein Q is O or S, and each occurrence of R^7 is independently H,(C₁–C₈)alkyl, (C₃–C₇)cycloalkyl, (C₂–C₈)alkenyl, (C₂–C₈)alkynyl, benzyl, aryl, halogen, (C₀–C₄)alkyl–(C₁–C₆)heterocycloalkyl, (C₀–C₄)alkyl–(C₂–C₅)heteroaryl, (C₀–C₈)alkyl–N(R^6)₂, (C₁–C₈)alkyl–OR⁵, (C₁–C₈)alkyl–O(CO)R⁵, or C(O)OR⁵, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

- 16. (Original) A compound of claim 14, wherein R^1 is $C(O)R^3$.
- 17. (Original) A compound of claim 14, wherein R¹ is C(O)OR⁴.
- 18. (Previously presented) A compound having the formula:

$$R^{1}$$
 N
 R^{2}
 N
 R^{2}
 N
 R^{2}

wherein:

 R^1 is H, (C_1-C_8) alkyl, (C_3-C_7) cycloalkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_0-C_4) alkyl- (C_1-C_6) heterocycloalkyl, (C_0-C_4) alkyl- (C_2-C_5) heteroaryl, $C(O)R^3$, $C(S)R^3$, $C(O)OR^4$, (C_1-C_8) alkyl- $N(R^6)_2$, (C_1-C_8) alkyl- OR^5 , (C_1-C_8) alkyl- $C(O)OR^5$, $C(O)NHR^3$, $C(S)NHR^3$, $C(O)NR^3R^3$, $C(S)NR^3R^3$ or (C_1-C_8) alkyl- $O(CO)R^5$:

 R^2 is H or (C_1-C_8) alkyl;

 R^3 and $R^{3'}$ are independently (C₁-C₈)alkyl, (C₃-C₇)cycloalkyl, (C₂-C₈)alkenyl, (C₂-C₈)alkynyl, benzyl, aryl, (C₀-C₄)alkyl-(C₁-C₆)heterocycloalkyl, (C₀-C₄)alkyl-(C₂-C₅)heteroaryl, (C₀-C₈)alkyl-N(R^6)₂, (C₁-C₈)alkyl-OR⁵, (C₁-C₈)alkyl-O(CO) R^5 , or C(O)OR⁵;

 R^4 is (C_1-C_8) alkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, (C_1-C_4) alkyl- (C_1-C_6) heterocycloalkyl, or (C_0-C_4) alkyl- (C_2-C_5) heteroaryl; R^5 is (C_1-C_8) alkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, or (C_2-C_5) heteroaryl; C_5 heteroaryl;

each occurrence of R^6 is independently H, (C_1-C_8) alkyl, (C_2-C_8) alkenyl, (C_2-C_8) alkynyl, benzyl, aryl, (C_2-C_5) heteroaryl, or (C_0-C_8) alkyl- $C(O)O-R^5$ or the R^6 groups can join to form a heterocycloalkyl group; and the * represents a chiral-carbon center.

19. (Original) A compound of claim 18, wherein R¹ is H, (C₁-C₄)alkyl, CH₂OCH₃, CH₂CCH₂OCH₃ or

wherein Q is O or S, and each occurrence of R^7 is independently H,(C₁–C₈)alkyl, (C₃–C₇)cycloalkyl, (C₂–C₈)alkenyl, (C₂–C₈)alkynyl, benzyl, aryl, halogen, (C₀–C₄)alkyl–(C₁–C₆)heterocycloalkyl, (C₀–C₄)alkyl–(C₂–C₅)heteroaryl, (C₀–C₈)alkyl–N(R^6)₂, (C₁–C₈)alkyl–OR⁵, (C₁–C₈)alkyl–O(CO)R⁵, or C(O)OR⁵, or adjacent occurrences of R^7 can be taken together to form a bicyclic alkyl or aryl ring.

20. (Original) A compound of claim 18, wherein R^1 is $C(O)R^3$.

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21. (Original) A compound of claim 18, wherein R¹ is C(O)OR⁴.

22-100. (Canceled).

(Currently amended) A compound of claim 10, which is: N-[2-(2,6-101. dioxo-piperidin-3-yl)-1,3-dioxo-2,3-duhydro-1H-isoindol-4-yl-methyl]-acetamide; N-{[2-(2,6-dioxo(3-piperidyl)) 1,3 dioxoisoindolin 4-yl]methyl}cyclopropylcarboxamide; 1-tert-butyl-3-[2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1Hisoindol 4-ylmethyl]-urea; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4yllmethyl) 3,3 dimethylbutanamide; N-{[2 (2,6 dioxo(3 piperidyl)) 1,3dioxoisoindolin-4-yl]methyl}-propanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3dioxoisoindolin-4-yl]methyl}-3-pyridylcarboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin 4 yl]methyl} heptanamide; N {[2 (2,6 dioxo(3 piperidyl)) 1,3dioxoisoindolin-4-yl]methyl}-2-furylcarboxamide; 2-amino-N-{[2-(2,6-dioxo(3piperidyl)) 1,3 dioxoisoindolin 4 yl]methyl}acetamide; N {[2 (2,6 dioxo(3piperidyl)) 1,3 dioxoisoindolin 4 yllmethyl} 2 thienylcarboxamide; N {[2 (2,6dioxo(3-piperidyl)) 1,3-dioxoindolin 4yl]methyl] (ethylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl|methyl|butanamide; N-{[2-(2,6-dioxo(3-piperidyl)] 1,3-dioxoisoindolin 4-yl|methyl|butanamide; N-{[2-(2,6-dioxo(3-piperidyl)] 1,3-dioxoisoindolin 4-yl|methyl|butanamide; N-{[2-(2,6-dioxo(3-piperidyl)] 1,3-dioxoisoindolin 4-yl|methyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl|nethyl dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl} 2-pyridylcarboxamide; N-{[2-(2,6 dioxo(3 piperidyl)) 1,3 dioxoisoindolin 4 yl]methyl}undecamide; N {[2 (2,6dioxo(3-piperidyl)) 1,3-dioxoisoindolin-4-yl]methyl}2 methylpropanamide; N-{[2-(2,6-dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl]cyclopentylcarboxamide; N-{[2 (2,6-dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl} eyclohexylcarboxamide; N {[2 (2,6 dioxo(3 piperidyl)) 1,3 dioxoisoindolin 4 yl]methyl}(butylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3dioxoisoindolin 4 yl]methyl] (propylamino)carboxamide; N {[2-(2,6-dioxo(3piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}[(methylethylamino)] carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4yl]methyl}(octylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3dioxoisoindolin 4 yl]methyl}(cyclopropylamino)carboxamide; or N - [[2 (2,6dioxo(3-piperidyl)) 1,3-dioxoisoindolin-4-yl]methyl}(diethylamino)carboxamide.

(Claim 101 continued on next page)

H 3C N H O N H O	N N N H O	NH NHO
H ₃ C O N H O N H O	H ₃ C NH O ON H	
0 0 N H O	N - N H O	H N H 2
0 0 N H O	0 0 N H O O N H O	0 0 N H O
H N N H O	H N O O N H	N N H O
0 0 N H O	0 0 NH 0 NH 0 NH	0 0 N H O
	N N N N N N N N N N N N N N N N N N N	or O O O O O O O O O O O O O O O O O O O

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102. (Currently amended) A compound of claim 10, which is: [2-(2,6dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid tert-butyl ester; 4-(aminomethyl)-2-(2,6-dioxo(3-Piperidyl))-isoindoline-1,3-dione; [2-(2,6-dioxo-piperidin 3-yl) 1,3 dioxo-2,3 dihydro-1H isoindol 4-yl methyl] carbamic acid ethyl ester; [2 (2,6 dioxo piperidin 3 yl) 1,3 dioxo 2,3 dihydro 1Hisoindol 4 yl methyl] carbamic acid benzyl ester; 2 (dimethylamino) N {[2 (2,6dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl}acetamide; ethyl 6-(3N-{[2-(2,6dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]carbamoyl)hexanoate; 3-[(tertbutoxy)carbonylaminol-N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4yl]methyl}propanamide; 3-amino-N-{[2-(2,6-dioxo(3-piperidyl)) 1,3dioxoisoindolin-4-yl]methyl}propanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3dioxoisoindolin 4-yl]methyl}-2-methoxyacetamide; (N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}carbamoyl)methyl acetate; ethyl 2-[N-{[2-(2,6dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl]carbamoyl)amino]acetate; 7amino-N-{[2-(2,6-dioxo(3-piperidyl)) 1,3-dioxoisoindolin 4-yl]methyl}heptanamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl}benzamide; N-{[2-(2,6 dioxo(3 piperidyl))-1,3 dioxoisoindolin 4 yl]methyl}phenylacetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4yl]methyl}(phenylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3dioxoisoindolin 4 yl|methyl|(benzylamino)carboxamide, 2 (2,6 dioxo piperidin 3 yl) 4-{[(furan-2-ylmethyl)-amino-methyl}-isoindole-1,3-dione; N-{[2-(2,6-dioxo(3piperidyl)) 1,3 dioxo 2,3 dihydro 1H-isoindol 4 ylmethyl] isonicotinamide; 2 (2,6dioxo(3-piperidyl))-4-({[(cyclohexylamino)thioxomethyl]amino}methyl)isoindole-1,3-dione; 2-(2,6-dioxo(3-piperidyl))-4-({[(ethylamino)thioxomethyl]amino}methyl)isoindole-1,3-dione; 2-(2,6-dioxo(3piperidyl)) 4 ({[(propylamino)thioxomethyl]amino} methyl)isoindole 1,3 dione; N-{[2 (2,6 dioxo(3-piperidyl)) 1,3 dioxoisoindolin 4yl]methyl}(cyclopentylamino)carboxamide; N-{[2-(2,6-dioxo(3-piperidyl))-1,3-

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dioxoisoindolin 4-yl]methyl}(3-pyridylamino)carboxamide; N-{[2 (2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin 4-yl]methyl}piperidylcarboxamide; or piperazine-1-carboxylic acid [2 (2,6-dioxo-piperidin-3-yl) 1,3-dioxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-amide.

1-B u 0 N H O	H ₂ N H 0	H ₃ C O H
	H ₃ C O N H O N H	0 0 N H O O C H 3
H N O N H	N H O O N H 2	0 0 C H 3
0 0 N H O C H 3	0 0 0 H H O C H 3	H N O N H 2
0 0 N H O	H N O N H O	
H N N O N H O	N N N H	

0 0 N H O	S N N N N N N N N N N N N N N N N N N N	S N N N N N N N N N N N N N N N N N N N
S H	H N N N H O	O O N H O N
0 0 N H O	Or Or	0 0 N H O N H O N H

103. (Currently amended) A compound of claim 14, which is: N-[2-(2,6-dioxo-piperidin-3-yl) 1-oxo-2,3-dihydro-1H-isoindol 4-ylmethyl] acetamide; N-{[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl}cyclopropylcarboxamide; or N-{[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl}(ethylamino)carboxamide.

104-105. (Canceled)